| <br> | Claims |  |
|------|--------|--|
|      |        |  |

| Application No. | Applicant(s)     |  |
|-----------------|------------------|--|
| 10/736,194      | HOPPER, PETER J. |  |
| Examiner        | Art Unit         |  |
| Naum B Levin    | 2825             |  |

|    | Rejected | ı | (Through numeral)<br>Cancelled |
|----|----------|---|--------------------------------|
| •• | Allowed  | + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

Naum B Levin

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla   | aim  |          |        |          |   | Date | —<br>e   |   |                    |          | ŀ |
|-------|--|----------|--------|----------|---|------|----------|---|--------------------|----------|---|
| Final | Original   | 10/15/04 |        |          |   |      |          |   |                    |          |   |
|       | 1  | -        |        | $\vdash$ | H |      | <u> </u> |   | П                  | $\vdash$ |   |
|       | 1<br>2<br>3<br>4<br>5<br>6                                   | -        |        |          |   |      |          |   |                    |          | l |
|       | 3  | -        |        |          |   |      |          |   |                    |          | l |
|       | 4  | -        |        |          |   |      |          |   |                    |          | l |
|       | 5  | -        |        |          |   |      |          |   |                    |          | l |
|       | 6  | -        |        |          |   |      |          |   |                    |          | l |
|       |  | -        |        |          |   |      |          |   |                    | ĺ        | l |
|       | .8   | -        |        |          |   |      |          |   |                    |          | l |
|       | 9  | =        |        |          |   |      |          |   |                    |          | l |
|       | 10   | =        |        |          |   |      |          |   |                    |          | l |
|       | 11   | •        |        |          |   |      |          |   |                    |          | l |
|       | 12   | ·        |        |          |   |      | Ĺ        |   |                    |          |   |
|       | 8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18 | _        |        |          |   |      |          |   | $oxedsymbol{oxed}$ |          | l |
|       | 14   | -        | $\Box$ | $\Box$   |   |      | $\Box$   | · |                    |          | l |
|       | 15   | Ŀ        |        | Ĺ        |   |      |          | Ĺ | L                  |          | l |
|       | 16   |          |        |          |   |      |          |   |                    |          | l |
|       | 17   |          |        |          |   |      |          |   |                    |          | l |
|       | 18   |          |        |          |   |      |          |   |                    |          | l |
|       | 19   |          |        |          |   |      |          |   |                    |          | l |
|       | 20   |          |        |          |   |      |          |   |                    |          | l |
|       | 21   |          |        |          |   |      |          |   |                    |          | l |
|       | 22   |          |        |          |   |      |          |   |                    |          | l |
|       | 22<br>23<br>24<br>25   |          |        |          |   |      |          |   |                    |          | l |
|       | 24   |          |        |          |   |      |          |   |                    |          | ľ |
|       | 25   |          |        |          |   |      |          |   |                    |          | l |
|       | 26   |          |        |          |   |      | Γ        | Γ |                    |          | l |
|       | 26<br>27<br>28<br>29<br>30                                   |          |        |          |   |      |          |   |                    |          | l |
|       | 28   |          |        |          |   |      |          |   |                    |          | l |
|       | 29   |          |        |          |   |      |          |   |                    |          | l |
|       | 30   |          |        |          |   |      |          |   |                    |          | ı |
|       | 31   |          |        |          |   |      |          |   |                    |          | l |
|       | 32   |          |        |          |   |      |          |   |                    |          | l |
|       | 31<br>32<br>33   |          |        |          |   |      |          |   | $\Box$             |          | l |
|       | 34   |          |        |          |   | L.   |          |   |                    |          | ľ |
|       | 34<br>35   |          |        |          |   |      |          |   |                    |          | l |
|       | 36   |          |        |          |   |      |          |   |                    |          | l |
|       | 37   |          |        |          |   |      |          |   |                    |          |   |
|       | 38   |          |        |          |   |      |          |   |                    |          |   |
|       | 39   |          |        |          |   |      |          |   |                    |          |   |
|       | 40   |          |        |          |   |      |          |   |                    |          |   |
|       | 41   |          |        |          |   | Ĺ    |          |   |                    |          | l |
|       | 42<br>43   |          |        | L        | L | Ĺ    | L        | L |                    |          | l |
|       | 43   |          |        |          |   |      |          |   |                    |          | ŀ |
|       | 44<br>45   |          | L      |          |   |      |          |   |                    |          | ŀ |
|       | 45   |          |        |          |   |      |          |   |                    |          | ŀ |
|       | 46   |          |        |          |   |      |          |   |                    |          | ŀ |
|       | 47   |          |        |          |   |      |          |   |                    |          |   |
|       | 48   | L        |        |          |   |      |          |   |                    |          |   |
|       | 49   |          | Ĺ      |          |   |      |          |   |                    |          |   |
|       | 50   |          |        |          |   |      |          |   |                    |          | ľ |

| ate  | ::::: | Cla   | aim                  |         |         |          | [            | Date     | В  |              |          |                        |
|--|-------|-------|----------------------|---------|---------|----------|--------------|----------|--|--------------|----------|------------------------|
|  |       | Final | Original             |         |         |          |              |          |  |              |          |                        |
|  |       |       | 51                   |         |         |          |              |          |  |              |          |                        |
|  |       |       | 52<br>53             |         |         |          |              |          | L  |              |          |                        |
| <del></del>                                      |       |       | 54                   |         | _       |          | -            |          | ⊢  |              |          |                        |
| <del>                                     </del> |       |       | 5 <del>4</del><br>55 | _       | —       |          | ├-           | -        | $\vdash$   | $\vdash$     | -        |                        |
| <del>                                     </del> |       |       | 56                   |         |         |          | $\vdash$     |          | $\vdash$   | -            | -        |                        |
|  |       |       | 57                   |         |         |          | $\vdash$     |          |  |              |          |                        |
|  |       |       | 58                   |         |         |          |              |          |  |              |          |                        |
|  |       |       | 59                   |         |         |          |              |          |  |              |          |                        |
|  |       |       | 60                   |         |         |          | <u> </u>     |          |  |              |          |                        |
|  |       |       | 61                   |         |         |          | ļ            |          | _  | L            |          |                        |
|  |       |       | 62                   |         |         |          | _            |          | <u> </u>   | ļ            |          | $\vdash$               |
| <del></del>                                      |       |       | 63<br>64             |         |         |          | _            |          | _  | <u> </u>     |          |                        |
| <del>             </del>                         |       |       | 65                   |         |         |          | -            |          | -  |              |          | H                      |
| 1 1 1 1  |       |       | 66                   |         | H       |          | ┢            | -        |  | <del> </del> |          | $\vdash$               |
| 1 1 1 1  |       |       | 67                   |         |         |          | <del> </del> | _        | <del>                                     </del> | _            | -        | Н                      |
|  |       |       | 68                   |         |         |          |              |          |  |              |          |                        |
|  |       |       | 69                   |         |         |          |              |          |  |              |          |                        |
|  |       |       | 70                   |         |         |          |              |          |  |              |          |                        |
|  |       |       | 71                   |         | _       |          | _            |          | _  | _            | _        | Щ                      |
|  |       |       | 72<br>73             | _       | <u></u> | -        | ļ            |          | <u> </u>   | _            |          | Н                      |
|  |       |       | 73                   |         |         |          | _            |          | ┝  | -            |          | Н                      |
| <del>-   -   -   -  </del>                       |       |       | 75                   |         |         |          | $\vdash$     |          | ┝╌   | _            | -        | $\vdash$               |
| <del>                                     </del> |       |       | 76                   |         |         |          | -            |          | $\vdash$   |              |          | $\vdash$               |
|  |       |       | 77                   |         |         |          |              |          | H  |              |          |                        |
|  |       |       | 78                   |         |         |          |              |          |  |              |          |                        |
|  |       |       | 79                   |         |         |          |              |          |  |              |          |                        |
|  |       |       | 80                   |         |         |          |              |          |  |              |          | Ш                      |
|  |       |       | 81                   |         |         |          |              | <u> </u> | L  | _            | _        |                        |
|  |       |       | 82                   |         |         | _        |              |          | <u> </u>   | _            | _        | Ш                      |
| ++-  |       |       | 83<br>84             |         |         |          | _            | H        | ├  | <del> </del> | -        | $\vdash$               |
| <del>                                     </del> |       |       | 85                   |         |         | <u> </u> | -            | H        |  | ļ            |          | -                      |
|  |       |       | 86                   |         |         | $\vdash$ | $\vdash$     | Н        | -  | $\vdash$     |          | $\vdash \vdash$        |
| <del>           </del>                           |       |       | 87                   |         |         |          |              | П        |  |              |          |                        |
|  |       |       | 88                   |         |         |          |              |          |  |              |          |                        |
|  |       |       | 89                   |         |         |          |              |          |  |              |          |                        |
|  |       |       | 90                   |         |         |          | L            |          |  |              |          | Ш                      |
| <del>                                     </del> |       |       | 91                   | <b></b> |         | <u> </u> | <u> </u>     |          | $\vdash$   | <u> </u>     | $\vdash$ | Ш                      |
| <del>- - - - </del>                              |       |       | 92                   | -       |         | <u> </u> | <u> </u>     | H        | $\vdash$   | ⊨            | $\vdash$ | $\vdash\vdash$         |
| +++-   |       |       | 93<br>94             | -       |         | <u> </u> | -            | H        | -  |              | H        | $\vdash$               |
| <del>- - - </del>                                |       |       | 95                   | -       | -       | H        | $\vdash$     | $\vdash$ | -  | ├            | $\vdash$ | $\vdash \vdash \vdash$ |
| <del>- - - -</del>                               |       |       | 96                   | -       |         |          | Н            | H        | ┢  | $\vdash$     |          | $\vdash \vdash$        |
| <del>- - - -</del>                               |       |       | 97                   |         | -       | Н        | H            | П        |  | $\vdash$     |          | H                      |
|  |       |       | 98                   |         |         |          |              |          |  |              |          |                        |
|  |       |       | 99                   |         |         |          |              |          |  |              |          |                        |
|  |       |       | 100                  |         |         |          | L            | L        |  |              |          | Ш                      |

| - 61  |                                 | Date     |  |              |                                     |                                     |          |    | _  |                 |
|-------|---------------------------------|----------|--|--------------|-------------------------------------|-------------------------------------|----------|----|--|-----------------|
| Ula   | aim                             | <u> </u> |  |              |                                     | Jac                                 | _        |    | _  | $\dashv$        |
| Final | Original                        |          |  |              |                                     |                                     |          |    |  |                 |
|       | 101<br>102<br>103               |          |  |              |                                     |                                     |          |    |  |                 |
|       | 102                             |          | <u> </u>   | L            | _                                   |                                     |          |    | _  | Ш               |
|       | 103                             |          | ļ  |              | _                                   | _                                   |          |    |  | Щ               |
|       | 104<br>105                      |          | <u> </u>   | _            |                                     |                                     |          |    |  | Н               |
|       | 105                             |          | <u> </u>   | L_           |                                     |                                     |          |    | ļ  | Н               |
|       | 106                             |          | _  | ┝            | _                                   |                                     |          | -  |  | Н               |
|       | 107<br>108                      |          | <del> </del>                                     | ┢            | _                                   | -                                   | -        | _  | -  | $\vdash$        |
|       | 109                             |          | -  |              |                                     | _                                   | _        |    |  | Н               |
|       | 110                             |          | $\vdash$   |              |                                     | -                                   | -        | -  | -  | Н               |
|       | 111                             |          | H  |              |                                     |                                     |          | _  | <u> </u>   |                 |
|       | 112                             |          | Т  | T            | П                                   | П                                   |          | Т  | Т  | Н               |
|       | 112<br>113                      |          |  |              |                                     |                                     |          |    |  | П               |
|       | 114                             |          |  |              |                                     |                                     |          |    |  |                 |
|       | 115<br>116                      |          |  |              |                                     |                                     |          |    |  |                 |
|       | 116                             |          |  |              |                                     |                                     |          |    |  |                 |
|       | 117                             |          |  |              |                                     | L                                   |          |    |  |                 |
|       | 118                             | _        |  | L            |                                     | _                                   |          |    | _  | Щ               |
|       | 119                             | -        |  | _            |                                     |                                     | <u> </u> | _  | <u> </u>   | Щ               |
|       | 120                             |          |  | _            |                                     | ļ                                   | ļ        | _  | <u> </u>   | H               |
|       | 120<br>121<br>122               | -        |  | ┝            | <u> </u>                            | <u> </u>                            | ┝        | _  | -  | Н               |
|       | 122                             | -        | <del> </del>                                     | ├            | <u> </u>                            | -                                   | ļ        |    | ⊢  | Н               |
|       | 123<br>124<br>125               | _        | -  | -            | $\vdash$                            | $\vdash$                            | $\vdash$ |    | $\vdash$   | Н               |
| _     | 125                             |          |  |              | H                                   | $\vdash$                            | -        |    | -  | $\vdash$        |
|       | 126                             |          |  |              | <u> </u>                            | -                                   | <u> </u> |    | -  | Н               |
|       | 126<br>127<br>128<br>129<br>130 |          |  |              | $\vdash$                            | _                                   | Ь—       |    | <del>                                     </del> | П               |
|       | 128                             |          |  |              | Г                                   |                                     |          |    |  |                 |
|       | 129                             |          |  |              |                                     |                                     |          |    |  |                 |
|       | 130                             |          |  |              |                                     |                                     |          |    |  |                 |
|       | 131<br>132                      |          |  |              | <u>L</u>                            |                                     | <u> </u> |    | <u> </u>   |                 |
|       | 132                             |          |  | _            |                                     |                                     | <u> </u> |    |  | Ш               |
|       | 133                             | <u> </u> | _  | <u> </u>     | L.                                  |                                     | <u> </u> |    | L  | Li              |
|       | 134<br>135                      | _        | _  | _            | _                                   | _                                   | <u> </u> |    | ┡  | -               |
|       | 135                             | H        | <del> </del>                                     | <del> </del> | _                                   |                                     |          |    | ⊢  | Н               |
|       | 136<br>137                      |          | <del> </del>                                     | ⊢            | $\vdash$                            |                                     | -        | -  | -  | Н               |
|       | 138                             | $\vdash$ | -  | -            | <u> </u>                            | -                                   | ┝        | -  | ├  | H               |
|       | 139                             |          | $\vdash$   | $\vdash$     | $\vdash$                            | -                                   | <u> </u> | -  | ┢  | H               |
|       | 140                             |          | <del>                                     </del> | 1            | $\vdash$                            |                                     | $\vdash$ |    | ┢  |                 |
|       | 141                             |          |  | _            |                                     |                                     |          | _  |  | П               |
|       | 142                             |          |  | -            |                                     |                                     |          |    | _  | П               |
|       | 143                             |          |  |              |                                     |                                     |          |    |  |                 |
|       | 144                             |          |  |              |                                     |                                     | 匚        |    |  |                 |
|       | 145                             |          |  |              |                                     |                                     |          |    |  |                 |
|       | 146                             |          |  | $\Box$       |                                     | $\Box$                              |          |    |  | Ш               |
|       | 147                             |          | L  | <u> </u>     |                                     | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u> |    | _  | Ш               |
|       | 148                             | _        | <u> </u>   | <b> </b> _   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>                            | L.       | L. | <b>├</b> _                                       | lacksquare      |
|       | 149                             | L        | <u> </u>   | <u> </u>     | <u> </u>                            | <u> </u>                            | <u> </u> |    | ├  | $\vdash \dashv$ |
|       | 150                             | L        |  | <u>L</u>     | <u>L</u> _                          | L_                                  | Щ        | Ш  | <u> </u>   | لــا            |